



LFS-160



Sensor specification

Parameter	Value
Maximal Detection Range (typical human with reflectivity $\geq 30\%$).	Up to 160 m
Maximal Detection Range for a Low (10%) Reflective Object	Max. 80 m
Angular Resolution	2 mR (0.115°)
Maximal Scanning Angle	100°
Beam Inclination Angle	0 \pm 0.5°
Adaptivity to Periodically Movement Objects (Trees, Bushes, etc.)	Yes
Scan Rate	5 \div 6 Hz
Pulse Repetition Frequency (PRF)	7 \div 8 kHz
Mounting Height	0-30m
Output Interface	Dry contact / RS 485
Laser Safety Class	Class 1 (eye safe)
Wavelength	905nm
Operating Ambient Temperature	- 25°C \div + 65°C
Storage Temperature	- 35°C \div + 75°C
Supply Voltage (not include heater)	12VDC \pm 10% @ 0.7 A (8.5 Watt)
Installation position	Vertical / Horizontal
Enclosure rating	IP 67
*Weight	5.9 Kg
*Dimensions (W x D x H)	315 x 255 x 150 mm

* Not include cover bracket and connector's protrusion.